



RE: ATSDR EI Report - EMBARGOED

SEEDS Joshua to: DOUGLAS Jae.P, 'Dale Mitchel'

12/06/2011 05:07 PM

Elizabeth Allen, "bermanf@ohsu.edu", KNOTTS Bradley A,
Cc: POKARNEY Bruce A, BAYHAM Chris, STONE Christine.L,
MITCHELL Dale L, FARRER David.G, Scott Downey, Sheila

[attachment "ATSDR Hwy 36 EI report_interagency review_jseeds-deq edits.docx"
deleted by Scott Downey/R10/USEPA/US]

A few edits about forest practices in the introduction.

Thanks,
Josh

Joshua Seeds
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-----Original Message-----

From: Douglas Jae P [mailto:jae.p.douglas@state.or.us]

Sent: Monday, December 05, 2011 12:21 PM

To: 'Dale Mitchel'

Cc: allen.elizabeth@epa.gov; bermanf@ohsu.edu; KNOTTS Bradley A; POKARNEY
Bruce A; BAYHAM Chris; STONE Christine.L; MITCHELL Dale L; FARRER David.G;
Scott Downey; fleming.sheila@epamail.epa.gov; SHIBLEY Gail.R; SMITH Grant S;
PETTIT Greg; HENNING Alan; DOUGLAS Jae.P; Jeff Jenkins; SEEDS Joshua;
EARLY-ALBERTS Julie; BISHOP Karen; COBA Katy M;
kauffman.richard@epamail.epa.gov; keo1@cdc.gov; WEEKS Kevin; HENDERSON Lauren
L; HANSON Lisa R; liu.linda@epa.gov; ALLEN Marganne; ODENTHAL Michael L;
morrison.kay@epa.gov; DAUGHERTY Peter; JAINDL Raymond G; Daniel Sudakin, MD,
MPH; JOSHI Sujata

Subject: ATSDR EI Report - EMBARGOED

Hi All,

Attached you will find an embargoed draft of the Exposure Investigation
report, prepared by ATSDR in cooperation with OHA. As with previous items, we
have a quick turnaround on this. Please review and provide comments by COB on
Thursday, 12/8.

Jae



Spring 2012 Urine Sample Collection

Elizabeth Allen, bermanf@ohsu.edu,
Douglas Jae P to: KNOTTS Bradley A, MITCHELL Dale L, Scott 12/07/2011 09:40 AM
Downey, Sheila Fleming, Shibley Gail R,
Cc: "Farrer David G", "EARLY-ALBERTS Julie", "BISHOP Karen",
"DUBROW Matthew E", "JOSHI Sujata"

History: This message has been forwarded.

Hi All,

I'm forwarding on some communication that we have had with Antonia Calafat, Chief of CDC's Organic Analytical Toxicology Branch re: likelihood that previous or future urine samples are subject to tampering. We posed this question because of the ongoing suggestions that samples analyzed previously by Dr. Barr, the samples collected in August and any future samples could have been, or could be tampered with to create false positives when no exposure has actually occurred.

We are satisfied that Dr. Calafat's conclusions are sound, and that such tampering is highly improbable. If you have additional information you would like to introduce re: this topic we remain open to reconsidering whether tampering is possible and needs to be considered in sampling plans for spring 2012. Absent additional, credible evidence to the contrary however, we will be proceeding with protocol development plans that do not require additional unnecessary precautions to identify/prevent tampering.

Jae

Jae P. Douglas, PhD, MSW

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From: Orloff, Kenneth G. (ATSDR/DHAC/EISAB) [mailto:keo1@cdc.gov]
Sent: Wednesday, December 07, 2011 6:37 AM
To: Farrer David G; Douglas Jae P (jae.p.douglas@state.or.us)
Cc: Metcalf, Susan (ATSDR/DHAC/EISAB); Moore, Susan (ATSDR/DHAC/EISAB)
Subject: Highway 36 EI

I checked with Antonia Calafat, Chief of the Organic Analytical Toxicology Branch. It is highly improbable that a participant in the EI could prepare a fake positive urine sample for the reasons stated below.

Ken

From Antonia Calafat

It is very unlikely that a participant in the EI would have the resources and expertise to create a false positive urine sample by spiking a clean urine sample. Although a participant may have access to commercial herbicide products containing atrazine, it would be technically challenging for him/her to prepare a urine sample with the atrazine concentration ($\mu\text{g/L}$) in the correct range. An even bigger deterrent is that he would not have access to the multiple metabolites of atrazine, which are only available in a few research laboratories. The absence of these metabolites in a urine sample (and in the correct proportions) would be an immediate indicator that this is not a legitimate sample.

The only way for a participant to produce a passable positive sample would be for him to intentionally ingest atrazine (at the proper dose). If they are desperate enough to do this, then the protocol for collecting the urine sample is immaterial.

Feeding atrazine to a pet (e.g., dog) and collecting the dog's urine is also problematic. Animals are likely to produce a different profile of atrazine metabolites, and the urinary creatinine concentration in dogs is much higher than in humans.

Some of the same technical problems (i.e., proper dilution of sample) also apply to 2,4-D. There is only one minor metabolite of 2,4-D – i.e, 2,4-D mercapturate. The NCEH lab hydrolyzes the urine sample before analysis, so they do not specifically test for 2,4-D mercapturate. However, if we were to find a urine sample with an unusually high 2,4-D concentration, the lab could re-run the sample without hydrolysis to determine if the mercapturate conjugate is present.



Re: Status of application records request ?

Douglas Jae P to: 'jae.p.douglas@state.or.us', Scott Downey
Cc: Sheila Fleming, Elizabeth Allen

12/07/2011 12:41 PM

Hi Scott,

I don't have a lot more to tell you than what I knew a couple of weeks ago. But your message prompted me to shoot off a message to ODF to ask where they are with the request.

I'll get back to you as soon as I hear from Peter Daugherty - he's usually pretty quick to respond.

Jae

----- Original Message -----

From: Downey.Scott@epamail.epa.gov [mailto:Downey.Scott@epamail.epa.gov]
Sent: Friday, December 02, 2011 10:32 AM
To: Jae.P.DOUGLAS@state.or.us <Jae.P.DOUGLAS@state.or.us>
Cc: Fleming.Sheila@epamail.epa.gov <Fleming.Sheila@epamail.epa.gov>;
Allen.Elizabeth@epamail.epa.gov <Allen.Elizabeth@epamail.epa.gov>
Subject: Status of application records request?

Hi Jae - can you provide us with an update on OHA's records request to ODA and ODF?

Also, ran across this media story on the open house. It's the only one we've seen. Thanks, Scott

11/21/11

RURAL OREGON RESIDENTS AWAIT PESTICIDE EXPOSURE INVESTIGATION RESULTS - KPLU NEWS FOR SEATTLE AND THE NORTHWEST

They believe herbicide spraying by the timber industry is causing health issues in their communities. For years, residents near Blachly and Triangle Lake have complained of pesticide drift from clear-cut sprays. But it wasn't until last spring that ...

<http://www.kplu.org/post/rural-oregon-residents-await-pesticide-exposure-investigation-results>

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Scott Downey, Manager  
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